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(71)Applicant : MATSUSHITA ELECTRIC IND CO LTD

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(72)Inventor : KIMURA MARI
MOTOTANI KUNIIKO
KATO MISAO
AMANO YOSHINORI

(54) IMAGE FILE DEVICE

(57)Abstract:

PURPOSE: To efficiently store image data which has small deterioration in a recording medium and to reproduce and display them by encoding the image data in two stages of a 1st encoding method which compresses the data irreversibly and a 2nd encoding method which encodes the difference data between the original image data and 1st encoded data reversibly.

CONSTITUTION: The 1st encoded data A encoded by a 1st encoder 4 which encodes the image data irreversibly and 2nd encoded data B encoded by a 2nd encoder 6 which compresses the difference data between the original image data and image data obtained by restoring the encoded data A irreversibly are stored on the recording medium 1. At the time of reproduction, only the encoded data A are restored for normal reproduction and display, but when the original image data are necessary, the encoded data A and B are restored and then added. Consequently, the image data having small deterioration can be stored on the recording medium 1 and they can be reproduced and displayed.

